

Under water glue

PRODUCT DESCRIPTION

Mapepoxy UV-L is a solvent free epoxy specially adapted for underwater applications.

Mapepoxy UV-L is based on a low viscose epoxy resin and a specially formulated polyamine hardener.

AREA OF USE

It is included as one of the components in the "Rescon method", but is also used as epoxy mortar, or prepacked under water.

PROPERTIES

Mapepoxy UV-L has been used to great advantage in underwater repair work. Tests carried out (in connection with the RESCON method) show that it is possible to obtain the glue joint itself.

For application wherever a high degree of early phase resistance is required, we recommend **Mapepoxy UV-L**.

Preparation

The concrete must be clean and firm. Prepare wounds till only the solid concrete is left.

Mixing

The components should have a temperature of +15° to +25°C before mixing.

Stir the hardener before mixing in order to disperse any dye which may have fallen to the bottom, and pour the hardener into the resin bucket. Mix with the resin for 3-4 minutes with a slow drill. The resulting mass is homogeneous and light-blue. If (dry) sand is to be mixed in, this should be done at the end.

Application

When using the Rescon Method, it is very important to make a tight form work.

The Rescon Method for concrete repair also needs **Mapepoxy UV-L** and a cement mortar, **600 UV-T**. See working guide lines.

Cleaning

Tools and machines must be cleaned immediately after use with **Tynner**. Once set, the mass is difficult to remove.

SAFETY PRECAUTIONS

For health, safety and environmental information, see separate HSE data sheet at www.resconmapei.com

WARNING

Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above information must, in every case be

taken as merely indicative and subject to confirmation after long-term practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application; in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

All deliveries from Rescon Mapei AS are made in accordance with the sale and delivery conditions applicable at the time, and these conditions are taken to be accepted on placement of an order.

N.B! FOR PROFESSIONALS

TECHNICAL DATA	
Product specifications:	
Dry solids content:	Approx. 98%
Density:	1.4 g/cm ³
Colour:	Light blue (white resin, dark blue hardener).
Min. working temperature.:	+5°C (in the water).
Pot life:	at +20°C: 30 – 40 minutes at +10°C: 50 – 60 minutes
Curing time:	at +15°C: 5 – 7 days at +5°C: 1 – 2 weeks
Compressive strength:	at +20°C 7 days: 70 MPa
Flexural strength:	at +20°C 7 days: 7 MPa
E-modulus:	Approx. 17.500 MPa
Ability to conduct electricity:	Isolating
Mixing ratio:	12 : 3
Packaging:	Sets of 5.0 and 15.0 kg
Storage:	Stored frost free and in unopened packaging, product properties remain unchanged throughout the first 24 months.

Produsent:

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